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III. *An Account of Mr Sam. Brown, his Third Book of East India Plants, with their Names, Vertues, Description, &c. By James Petiver, Apothecary, and Fellow of the Royal Society. To which are added some Animals sent him from those Parts.*

THese were gathered between the 22th and 27th of March, 1696. at Chamberamback and Aumeram-pead, 14 or 16 miles from Fort St George : Dry ground generally, and good soil. At this Place is a Pond 12 miles round.

93. *Tetum-cootan* Malabar.

93

Lycium Chamberambacum Laurifoliis floribus comosis.

An Kanden Kara Hort. Malab. Vol. 5. Tab. 36. Pag. 71 H. Mal V. 5. Tab. 36. P. 71.

Raii Hist. Plant. 1606. cap. 5.

This Tree grows about 30 or 35 foot high, and 8 or 9 inches diameter. The Decoction of the Root, Bark, Leaves, Flowers and Fruit (which is white, round, and as big as Pease) Cures Coughs, Ulcers of the Lungs, Consumptions and Hectic Feavers : The Natives use it boyld up with Butter for the same. Mr Sam. Brown. Ray H. Pl. P. 1606. c. 5.

94. *Tabeara* Malab.

94

Pajomirioba hexaphylli *Glycyrrhiza* foliis. an. *Senna* H. Leyd.
Orientalis hexaphylla. *Tala Zeylonensis* Hort. Acad. 557.
Lugd. Bat. 557. descript.

Grows about 2 foot and a half high. The Leaves ground with hot water and drank expels Wind : outwardly applied Cures Itch and Scab. S.B.

95. *Cant maun-chedde* Malab.

94

I cannot perceive this to differ either in Flower or Fruit, and especially in its Leaves, from our *Mango Sylvestris* Madraspat. *fructu* *Cerasi Musei* noſt. 659. and men-

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tioned

tioned in the *Philos. Transf.* No 264. p. 581. 1. Nevertheless Dr *Plukenet* hath made them two, and given them new names in his *Mantissa*, p. 125.

This wild *Mango* Tree is 12 or 14 foot high, and as thick as a mans Leg. The *Fruit* sowre, and big as a *Hazel-nut*. A Decoction of the *Root*, *Leaves*, *Flowers*, *Bark* and *Fruit*, or 3 spoonfuls of the Juice of them taken night and morning Cures Running of the *Reins* and Sharpness of *Urine*. S. B.

96

Dale 444
Ger. 1316.

--em 1500.

Park 247.

CB. 445. 3.

IB. 2. 201.

--Pr. 7. 18.

Chabr. 13.

6.

H. Mal. V.

4. Tab. 10.

p. 23.

96. *Tauneekia Malab.*

Myrobalanus Bellerica Officinarum Dale Pharmacolog.

p. 444. Ger. 1316. Fig. id. emac 1500. Fig. Park. 247.

Fig. 3. Raij Hist. Plant. 1532. 5.

Myrobalani rotundæ Bellericæ, C. B. 445. 3.

Myrobalani Bellericæ rotundiores IB. 1. 2. 201. Fig. p.

206. desc. id. Prodr. 7. Pl. 18. *Myrobalani Bellericæ*

Chabr. 13. Fig. 6.

The *Figure* and *Description* of the *Tani* in the 4th Volume of the *Hort. Malabar.* Tab. 10. p. 23. seems very well to agree with this Tree. Vid. *Raij H. Plant.* 1547. cap. 53.

This grows about 8 or 10 foot high, and 6 or 7 inches diameter. The *Fruit* purges *Choler*: The *Root*, *Bark* and *Leaves* boyl'd in Water and drank purges *Phlegm*; and these mixt with other things serve to cure almost all *Distempers*, according to the Doctrine of the Natives. S. B.

97

The *World* is very much obliged to Mr *Sam. Brown* for the certain knowledge of this Tree, which has hitherto lain in Obscurity, we having until now only seen the *Fruit* in the *Shops*.

97. *Cadal-Cungee Malab*

Pimienta Chamberambaca Myrti Laureæ foliis fructu coronato.

This grows 6 or 7 foot high, and as thick as ones arm. The whole Plant, ground either with Milk, Tire or hot Water

Water cures the *Diabetes* : it seldom fails. This sort is the best for Physick of all the 4 *Cungees*. S. B.

Mr *Edward Bulkley* Surgeon informs me, that a *Decoction* of this drank twice a day is good in the *Gout* and pains of the *Side*. Mus. Pet. 361. A& Phil. No 267. P. 711. 75.

This differs from the *Baccifera* *Madraspatana* *Myri Laureæ* foliis vix perforatis *Mus. Petiver. 361. & A& Phil. N. 267. p. 711. 75.* in having its *Leaves* thicker and less veiny, the *Flowers* larger, and the top of the *Fruit* *stellated*, whereas the other is *pointed*. 98

This grows also at *Arcant* and *Pedea-paulum* *Arnee*.

98. *Tirnama pollee* *Malab.*

Patsjotti *Zeylanica* *Lauro Cerasi* folio leviter serrato. *Alm. Bot. 41. pl. 5. Pluk. Tab. 263. Fig. 1. and 2.*
an Arbor Africana subrotundo folio margine denticulis acutis asperato, floribus pentapetalis atro purpureis *Alm. Bot. 41. pl. 5. Pluk. Tab. 263. Fig. 1. and 2.*

The *Katon* *Patsjotti* *Hort. Malab. V. 5. Tab. 7. p. 13 & Raii H. Pl. 1572. cap. 8.* very well resembles this Shrub.

The *Flowers* of this are yellowish in my Specimens, and not of a deep Purple, as Dr *Plukenet* affirms, but the *Calyces* when full ripe are so, which I suppose may be those the Dr calls Flowers. Dr *Herman* first sent me this from *Ceylon*, I have since receiv'd it from *Viriaga patan*, among those Mr *Wynn* Surgeon brought me. I have also had it out of the *Company's Garden* at *Fort St George*, and wild from several places thereabout, but as yet I have not seen it from any part of *Africa*, much less from the *Cape of Good Hope*, from whence Dr *Plukenet* says he had it. It grows 8 or 9 foot high, thick as a Mans Arm. The *Root*, *Bark* and *Leaves*, either in *Powder* or *Decoction*, cures lingring or *Hætick Fevers*, or as these people express it, a *Fever* in the *Bones*. It's of kin to No 50. S. B. It may be so in Vertue as a *Pectoral*, but not in kind that being an *Apocynum*. 99

99. *Sirrunar-vellee* *Malab.*

Sebestena folio Frutex, Foribus racemosis.

T t t t t 2

Grows

Grows about 10 foot *high*, and 6 inches *diameter*. A Decoction of the *Bark* and *Leaves* cures the running of the *Reins*, the powder of the *Root* cures the *Cough*. S. B.

100. Adhatoda Malabarica Echicidès.

100
H. Leyd. *Euphrasia* affinis *Indica* Echicoides H. Leyd. app. desc.
668. & Fig. 668. Nella mulle *Malab.* Under which name I
Act. Phil. have already mentioned it, in *Act. Phil.* No. 244. p. 330.
No. 244. p. 330. 36. with its several other synonyms.

Grows about a foot and a half *high*. A Decoction of this, the Natives say, cures the *Dropsie* by provoking great plenty of *Urine*. S. B.

101

101. Perreaurulla *Malab.*

Mus. Petiv. *Vitis Madraspat.* fructu azureo folio subrotundo & anguloso Mus. Petiver 696. an Schunambra-Valli H. Mal.
69. 6. Vol. 7. Tab. xi. p. 21.
H. Mal. V. 7. Tab. xi. p. 21.
p. 21.

This *Climer* is of kin to N. 67. The *Root* ground and drank in *Water* cures *Buboes*: The *Leaves* bruised and applied helps the same. S. B. Mr *Edward Bulkley*, who sent it me by the name of *Perreaurulla Malab.* also affirms that the *Roots* stamp and applied Pultisewise, is good to discuss any *Swelling*.

102. Coda-fallee *Malab.*

102
Pluk. Tab. *Euphrasia Chamberambaca* spicata, *Prunelle* minoris folio, caule hirto. an *Euphrasia Alfinis* angustiore folio *Rubia* modo spicata *Golconde* Pluk. Tab. 56. Fig. 3.
56. Fig. 3.

This trails on the ground. The whole Plant ground with *Turmerick* in hot *Water* cures *Ulcers* and *Wounds*. S. B.

103. Caut-elmecha. *Malab.*

103

Limo sylv-Madraspat. pumila fructu parvo.

The *small wild* or *Crab-Lime*.

Grows 4 or 5 foot *high*, and *thick* as ones wrist. The *Natives* pickle the *Fruit* (which is about half as big as a *Lime*) for Sawce. The *Root* ground in hot *Water* corrects *Choler*. S. B.

104. *Moelle-cruettoo Malab.*

104

Aurantium Chamberambacum spinis longis robustis.

Grows 5 or 6 foot *high*, and as *thick* as ones wrist. This is a sort of *Parkinsons* Coru as I think: Here grows 3 sorts of this, which I send Specimens of. The *Natives* make *Oyl* of the *Fruit* of all these, which Cures the *Dead Palsie* and all sorts of *Lamenefs*: The *Leaves* boyl'd in Water is good to bath in for the same. The *Root* is *Milky*, but the *Natives* here, so far as I can yet learn, use it not. The other two are call'd *Corute* and *Peren-Corutte*. S. B.

Dr *Plukenet* makes this the true *Cydonia* e *Benghala* Pluk Tab. 170. 5. *Acoftæ* Phytograph. Tab. 170. fig. 5. We should have been obliged to him if he would have given us a figure of it from his own Specimen, rather than have copied it from the *Hort. Malab.* Vol. 3. Tab. 37. where it is more amply and better done: Besides, he would then have known it to be as different from this *Tree*, as a *Quince* is from an *Orange*, having made these both one in his *Corre& Mantiffa*, p. 60.

105. *Punnunga Narree Malab.*

105

Coccifera Madraspat. racemosa *Urucu folio molli* fl. vefcente *Muf. Petiver.* 377. an *Katou-mail* *Elou H. Malab.* V. 5. Tab. 2. p. 3. *Ray H. Pl.* 1558. cap. 29.

This grows as *thick* as ones wrist, and 6 or 7 foot *high*: The powder of the *Bark* of the *Root* and *Tree* cures the *Cholick* and *Gripes*, if taken in hot Water. S. B.

106. *Nelle maraum Malab.* *Nilicæ maram Hort. Malab.* Vol. 1. Tab. 38. p. 69. *Anwali Bram.* *Ray H. Pl.* 1556. 2. *Flor. Malab.* 180. Pl. 17. *id.* Fol.

Myrobalanus Emblica Offic. *Dale Pharm.* 444. 5. *Ger.* 1316. Fig. *id.* emac. 1500. Fig. *Park.* 247. Fig. *Ray H. Pl.* 1531. 4.

Myrobalanus Emblica Cluf. *Exot.* 195. Fig. *sen Embelgi Arab.* quæ intelligit *Avicenna* sub *Sinii* nomine lib. xi. c. 449.

My. *Park.* 247.

Ray 1531. Myrobalanus *Bontii* lib. 6. p. 110. Fig. malâ. M. Emblica foliis Securidicæ *Breyn.* Prodr. 1 & 2. nomine *Daon* 195. *Malaccæ* accepti.

Bont. 110. Myrobalani *Emblicæ* CB. 445. 5. *Chabr.* 13. Fig. 5. M. CB. 445. 5. *Emb.* in segmentis, nucleum habentes angulosæ IB. 1. 2. *Chabr.* 13. IB. 2. 21. p. 291. Fig. 206. desc. *id.* Prodr. 7. Pl. 17.

id. pr. 7. 17. *Canna Indica* arborea *Zan.* 65. Fig. 25. à Lusitanis *Zan.* 65. *Marbelanes.*

H. M. V. Acaciæ foliis *Malabar.* fructu rotundo sem. triangulo 1. T. 38. *Comel.* in *Hort.* Malab. V. 1. p. 70.

The Emblick Myrobalane.

Grows about 14 or 16 foot high, and thick as ones Leg. The Natives use the Juice of the Fruit with Sugar to purge Cholera: It makes sweet meat and Pickle: It's also good in Fluxes. S. B. Mr James Cuninghame Surgeon brought me the Fruit of this formerly from the Island of *Mitchowahi.*

107. Corutree Malab.

107. *Limo Madraspat.* apicibus foliorum fere sinuatis fructu *Aff. Ph.* cuspidato *Aff. Phil.* No 244. p. 333. 43: No 244. *an* Coru *Acostæ* cap. 13. *Clusf.* Exot. 265. *Garc.* 133. c. p. 333. 43. *an* Coru *Acostæ* cap. 13. *Clusf.* Exot. 227. *Acost.* c. 13. *Clusf.* Ex. 7. *Clusf.* Exot. 227. 265. and *an* Coru arbor *Park.* 1663. c. 117. Coru *Canarica* Ar- 227. buto vel *Malo aureo* similis *LB.* 1. 1. p. 89. c. 20. *Prodr.* *Park.* 1663. 3. 10. Ray 1781. cap. 137. *an* Mal *Naregam* *H. Mal.* V. 4. Tab. 12. p. 27. Ray IB. 1. 89. *Prodr.* 3. 10. 1657. 2.

Ray 178. *an* *Malus Limonia pumila sylvestris Zeylanica* D. Her H. M. V. man. *Comel.* in *H. Mal.* V. 4. p. 28. 4. T. 12.

p. 27. It grows about 6 or 7 foot high, as thick as ones arm. Ray 1657. It take it to be the Corn of *Parkinson*: The Vertues as No 104. S. B.

108

108. Ville-Vittree Malab.

Covaalam trifoliatum minus e Madraspatan.

It's here call'd by the Portuguese *Marmel da India*, or Indian. *Quince Tree*, and is the same, I believe, with *Garcias*

cius his *Cydonia de Bengala*. 'Tis about 16 or 18 foot high, and about 8 or 10 inches diameter. A Decoction of the Leaves is a Counter-poyson of the Root, purifies the Blood and corrects Choler, as the Natives phrase it ; but the Fruit decocted is a Panacea in all Fluxes and Fevers. S. B.

This, were it not less, may be much rather than No 104. as Dr Plukenet asserts the *Cydonia de Bengala* Garc. 208. c. 14. Clus. Exot. 233. Cydonia exotica CB. 435. Malum Cydonium Indicum Bontii 98. Fig. Cyrifole Fragosæ 61. c. 16. Covalam H. Mal. V. 3. Tab. 37. p. 37. Ray H. Pl. 1665. c. 1.

I first received the *Cydonia de Bengala* Garc. 208. c. 14. Clus. Ex. 233. CB. 435. Bont. 98. Frag. 61. H. M. V. 3. Tab. 37. p. 37. Ray 1665. from that most accurate Botanist Jacobus Breynius at Dantzick, sent him by Dr Herman from Zeylon ; from which Island I have since had it from other hands. My ingenious Friend Mr James Cuninghame Surgeon observed it about Batavia (where Bontius also did) and says the Javians call it now *Malliac* ; and before that he brought it me from Bengale by the name of *Beel*, which has some affinity with what *Garcias* says, viz. that in Bengale it's call'd by the Physicians only, and in their Writings *Beli*, but by others it's commonly known by the name of *Sirifole*. He also confirms what Mr Sam. Brown and the *Hort. Malab.* asserts, viz. that the Fruit cures *Diarrhea's* and *Fluxes*.

109. Care-vail-maraum Malab.

I take the *Malabar*-word *Care* or *Cara* to signifie Black (as *Care* Nuchee, or Black *Agnus Castus*, *Act. Phil.* No 244. p. 319. N. 12. and confirm'd hereafter at No 121) and is, I suppose, added here to distinguish it from another species, whose *Bark* is red. Act. Ph. No 244. p. 319. Pl. 12.

This, I think, is the *Acacia*, or *Ægyptian thorn*, it grows 15 or 16 foot high, and about 7 or 8 inches diameter, tho I have seen it much greater up the Country. A strong Decoction of the *Bark* of this Tree, by washing the Teeth and

and holding it int he mouth, cures the most rebellious *Tooth-ach*, as I have often experienced. The Decoction of the *Root* cures *Fluxes* : The *Natives* use not the *Fruit*, but I have made an *Extract* of it, of excellent use in *Fluxes*, and is also good in the *Diabetes*. S. B.

Acacia globosa Orientalis filiquâ cinereâ villosâ monilis forma.

Hern. 886. an *Acacia Ægyptia* Hernandez 886. Fig. vera seu spi-
Park. 1548 na *Ægyptiaca* Park. 1548. Fig. 1. *Acacia* foliis Scorpioi-
1. dis leguminosâ CB. 392. pl. 1. Ray H. Pl. 976. 1.

1. The pods are hoary and gray. *Veslingius* observes
Ray 976. them to vary very much in their length, viz. from an
1. inch to more than a span long, and from 3 or 4 to 8 or
10 divisions like a *Necklace*. This before us has xi, with
one dark flattish circled seed in each. *Parkinson's* Figure
Park. p. 1548. taken from *Veslingius* is very like this Plant, and
1548. 2. particularly the pod which he has mended, and added
to it.

110 110. *Chenopodium polyspermum Orientale* floribus racemiferis.

This grows about 4 foot *high*, and 2 fingers *thick*. The *Natives* boyl and eat it. S. B.

111 111. *Balsamina aquat Indiæ Oriental.* fol. majore.
Is about 4 foot *high*, branches slender; the whole Plant, ground with Water, cures the bites of venemous *Insects*, if the Body be rubb'd with it. S. B.

112 112. *Adundee Malab.*
The *Bark* and *Root* of this, ground with Water, and a spoonful taken, cures *Rhenmatisms*, and is good in a *Gonorrhæa*. S. B.

113 113. *Tagada Gent.* Shevada *Malab.*
Turbith *Orientalis* folio cordato:

an *Kattu Kelengu H. Mal.* V. xi. Tab. 51. p. 105.

Garc. 145 This Climer spreads very much: I take it to be the
cap. 36: *Turbit* or *Tiguar* of *Garcias*. The *Natives* cut this *Root* in pieces about 2 inches long, the better to take off the
Bark,

Bark, which they put into a clean Cloath, between two Earthen Pots unglazed which shut close, the undermost being $\frac{3}{4}$ full of Milk, which they boyl almost all away, that the vapour may penetrate the said Bark, which afterwards they dry in the Sun and powder it ; a *dram* of this is a very gentle but brisk *Purge*, and does not gripe in the least ; mixt with other things it serves them for many *Distempers*. S. B.

114. *Athoga-maraum Malab.*

Panel *Madraspat.* fol. angustissimo mucronato fructu majore *Musei* Petiver 666. an Narum Panel H. Mal. V. 2. Tab. 10. p. 11. Ray H. Pl. 1636. cap. 20.

This grows 15 or 16 foot *high*, and 7 or 8 inches *diameter*. The *Root* and *Leaves* boyl'd in Water, and the sick bath'd with it, cures cold *Pains* and *Rheumatisms*. Dr *Plukenet* erroneously asserts these *Leaves* to grow opposite, and as *falsely* supposes it to be the *Asjogam* Hort. Malab. V. 5. Tab. 59. p. 117.

115. *Mulla-owla-maraum Malab.*

Waga *Madraspat.* Spinosa Mimosæ foliis floribus parvis spicatis *Mus. Petiver* 700.

an *Acaciæ* genus *Indianum* flosculos ferens luteos racematim coherentes, filiquis majoribus latis planis *Wamulethia* Cingalensibus D. Syen in H. Malab. V. 1. p. 70.

This differs from the next only in being *bigger* and *prickley* ; is about 16 or 18 foot *high*, and 7 or 8 inches *diameter*. The *Bark* and *Root* ground with hot Water cures *Catarrhs*, *Cough*, and pains of the *Head*, S. B.

I have reason to believe (having more than once observed it ;) that generally where the *Malabar* word *Mulla* or *Mully* is applied, it signifies *Thorny*, as *Scueli* does in the *Hort. Malab.* as you may see in the 2d Volume Tab. 45, 6, 7 and 8, which are all like this *spinose*.

116. *Owla-maraum. Malab.*

Waga *Madraspatana* Mimosæ foliis floribus parvis spicatis. *Mus. Petiver*. 699.

This grows about man *high*, and has the same *Vertues* with the last. *S. B.* to which Mr *Bulkeley* adds, that a drink of its *Leaves* and *Bark* is good in shortness of *Breath*.

117

H. Mal. V.

1. Tab. 32.

p. 57.

Ray 1751.

117. Aateener chedee *Malab.*

Mandaru *Chamberambaca* foliis rigidis venosis, subtus pallescentibus. an Chovanna Mandaru 1. *Hort. Malab.* Vol. 1. Tab. 32. p. 57. *Ray* 1751.

The Trunk of this is 6 foot *high*, set with many branches of a fathom long, which extend parallel with the *Horizon*, neither ascending nor descending. This is of no use in *Physick*; but the *Natives* make *Ropes* of the *Bark*, which serve instead of *Match*. *S. B.*

Mr *Edward Bulkley* tells me, a *Decoction* of the *Leaves* and *Bark* of this Tree being drank is good for pains in the *Belly*, and confirms the making of *Ropes* and *Cables* of the latter for their *Country Ships*. These *Leaves* are lesser, stiffer and more veiny than the other kinds are whitish and somewhat soft underneath; the *Pods* are often crooked, about an inch *broad*, and some of them more than a span *long*.

118

118. Cheerean *Malab.*

Waga globosa *Madraspat.* Mimosa foliis, siliqua lata, plana, membranacea.

It is about 10 or 12 foot *high*, and 5 or 6 inches *diameter*; the powder of the *Bark* is good, taken in hot Water, for bites of *venemous Insects*, the same is laxative, and stops *Fluxes*. *S. B.*

119

119. Coadevelle *Malab.* Chittra-Mallum *Gent.*

Bistorta folio minore planta, è *Chamberamback*.

Grows a foot or two high; is good for *Feavers*, *Pox*, *Itch*, *Scab*, and *Buboes*; and is a chief Ingredient in many compositions for various *diseases*. 'Tis hot and fiery, therefore they do not take it inwardly alone, but mix
the

the powder of the *Root* with Butter and hot Water, an
to take it. S. B.

120. Nella-carambee *Malab.*

120

Jaca Madraspat. fructu *Sparganii* Aët. Phil. No 244. p. 329. 34. where it is described. This Tree grows 30 or 40 foot *high*, and about 3 yards in *Circumference*. The powder of the *Bark* cures heat of *Urine* and *Gonorrhea*.
S. B.

Aët. Phil.
No 244.
p. 329.
pl. 34.

121. Nuchulee *Malab.* Vairelchetto *Gent.*

121

Vitex Madraspat. foliis latioribus digitatis, floribus racemosis Aët. Phil. No 244. p. 315. 3. where you have the Fruit exactly described, and how it differs from our *European Chast tree*.

Aët. Phil.
No 244.
p. 315.
pl. 3.

This is 15 or 16 foot *high*, and 6 or 7 foot *thick*. The *Root*, *Leaves*, *Flowers* and *Fruit* being ground, expels *Wind*, and eases all pains, even those of the *Gout*, as I have experienced. S. B.

Dr *Plukenet* strangely contradicts himself, in affirming this to be his *Vitex Orientalis angustis foliis semper tripartito divisiss.* Phyt. Tab. 321. Fig. 2. whereas in this Specimen which he himself saw, there is not a pedicle with fewer than 5 Leaves or divisions on each.

Phyt. Tab.
321. T. 2.

There is another sort which the Natives call *Cara*, or *black Nuchulee*, because the *Stalks* are *black*, the *Flowers* and *Fruit* like the former, but less, and rises not above 4 foot *high*. 'Tis good for the same as the former, both being hot, cure cold pains, the whole Plant is *Bitter*. S. B. This is the *Black Agnus Castus*, or *Adhatoda* *Madraspatana Hydropiperis* folio Aët. Phil. No 244. p. 319. 12. take it also to be the *Vada Codi* Hort. Malab. Vol. 9. Tab. 42. p. 79.

Aët. Phil.
No 244.
p. 319. 12.
H. Mal. 1.
T. 42. p.
79.

122. Pulichee-maraum *Malab.*

122

Baccifera Madraspat. Ribis more, floribus muscosis Juli instar Musf. Petiver. 621. an *Tfieriam*-Cottam H. Mal. Vol. 5. Tab. xi. p. 28. Ray H. Pl. 1596. cap. 25.

Musf. Pet.
621.
H.M.V. 5.
Tab. 11.
p. 21. Ray
1596. c.
15.

Is about 6. foot *high*, as thick as ones *Wrist*. The *Root*, *Leaves* and *Bark* are *Pectoral*, cures *Coughs*, *Consumptions*, and *Hætic Feavers*. S. B.

123

123. Sunut-perai Malab.

Ficus Chamberambaca Limoniæ folio, fructu parvo racemifero.

Thick as ones *Leg*, and 7 or 8 foot *high* : The *Root*, *Bark* and *Leaves* in powder cures the *Running* of the *Reins*. S. B.

124

124. Cheru-cunnai Malab.

Pajomirioba intrinsque Indiæ Apios Amer. folio.

an *Senna Occidentalis* odore *Opii viroso*, *Orobi Pannonici* foliis mucronatis glabra H. A. Lugd. Bat. 556.

H. Leyd.

556. Tert.

93. Pisced.

1. 86. id.

2. 185.

Ray 912.

an *Pajomirioba du Tertre* 93. *Pajomirioba prior* Pis. ed. 1. p. 86. *Pajomirioba* 1. *Pis.* ed. 2. p. 185. *Pajomirioba*, *Orobis Brasilianus flore Loti luteo* Marcgr. Raii H. Pl. 912.

Here are two sorts of this : The other is call'd *Cunnai* or *Conai* (*which is the Cassia Fistula Officinarum.*) This grows 6 foot *high*, and as *thick* as ones *Wrist*. The powder of this will cure the *Pox*, *Ulcer*, and *Rebellious Itch* ; *Dose* one *Drachm*. S. B.

I have received this Plant from the *Canaries*, *Cape of Good Hope*, *Guinea*, *Barbadoes*, as also from *Suratt*, and other parts of the *East Indies*.

125

125. Mogula-maraum Malab.

Kauki Zeylanica folio acutiore.

H. M. 1.

Tab. 20.

p. 33. Ray

1564 cap.

34.

Elengi Hort. Malab. Vol. 1. Tab. 20. p. 33. *Varalli*

Bram.

Prunus Malabaric. fructu calyculato Ray H. Pl. 1564.

c. 34.

Oleæ affinis Pyrifolio Malab. flore odorifero stellato Syen. in *Hort. Malab.* V. 1. p. 34. *Manumal Zingalensibus*, i. e. *Arbor floribus odoriferis visum confortantibus ac oculorum vitia sanantibus Herman.* Mfs. notis.

This

This grows 16 or 18 foot *high*. The *Flowers* smell very sweet. A Decoction of the *Leaves* cures the *Tooth-ach*. (The *Hort. Malab.* confirms the same of the *Bark*.) The *Fruit* ground with *Water* and put in the *Eye*, cures the pain of the *Head*, from a cold cause: The *Root* cures the *Itch* outwardly applied. S. B.

I have the late famous *Jacobus Breynius* his Authority, that this is the true *Elengi* of the *Hort. Malab.* and not No 90. in Mr *Brown's* last Book, as Dr *Plukenet* in his *Man-tissa*, p. 21. *falsely* supposes, which he may be easily convinc'd of by comparing them together.

126. Coola guttee *Malab.*

126

Convolvulus Madraspat. parvus, foliis biauriculatis. *Pluck. Tab. 147.*
Convolvulus minimus procumbens Acetosella foliolis, barbuis ad imum quaternis, summo apice tricuspidatis *Pluk. Fig. 5. Musc. Pet. 47.*

This whole Plant ground with *Water* and given, cures the pain which some *Women* have at the coming of their *Menses*. S. B.

127. Aumacarun calunga *Malab.*

127

Alkakengi foliis mollibus fructu *Asparagi*.

Grows about 4 foot *high*, has a tuberous *Root* as thick as ones *Wrist*, but very short: Which ground with *Lime juice* and applied cures *Impossthumes*, the powder of the *Root* cures *Hedtick Feavers*, &c. the *Fruit* provokes *Urine*. S. B.

Dr *Plukenet* makes this the *Solanum somniferum verticillatum* CB. 167. and says it's the *Pe-Vetti* *Hort. Malab. Vol. 4. Tab. 55. p. 113. Ray H. Pl. 1630.* Whereas the Commentator Dr *Commelin* rather supposes it to be the *Solanum somniferum*, *Antiquorum Prosp. Alpin. p. 71.* but I cannot think the *Pe Vetti* either of them, because that is a *Tree*, and this before us is an *Herb*: Besides, its *Figure* and *Description* differs from this in many particulars. There are 2 of this kind in the 10th *Volume* of the *Hort. Malab.* which it rather resembles, viz. *Tab. 70 & 71.* 128.

128

128. Cheru-Mandaree *Malab.*

Mandaru Unaneercoondica, floribus majoribus venosis, *Crista Pavonis* filiquâ.

H. M. V. Caut-Mandaree *Malab.* Act. Phil. No 244. p. 333. Pl. 1. Tab. 35. p. 63. 42. an Canschena pou H. Mal. Vol. 1. Tab. 35. p. 63. Ray 1752. Raii H. Pl. 1752 Cap. 4. c. 4.

Mr Sam. Brown refers this to No 55, in the last *Book* where the Label was misplac'd, as I there hinted, the Specimen being the *Wellia Tagera*, Hort. Malab. Vol. 6.

H. Mal. V. Tab. 9 & 10. p. 17.

6. Tab. 9. and 10. p. 17. This differs from No 117. in having thinner and less veiny *Leaves*, the *Pods* also much smaller, strait and soft, about half an inch broad, and little more than 3 long, in shape resembling the *Pride of Barbadoes*, but flatter.

129

129. Ponau verre poondoo *Malab.*

Onobrychis diphyllus *Indiæ* utriusq; & *Guineensis*.

Cat. Pl. Hedyarum minus diphyllum fl. luteo Cat. Plant. Jam. 73.

Pluck. *Onobrychis Madraspat.* diphyllus filiculis asperis *Plukenet* Phyt. Tab. 102. Fig. 1 & *Onobrychis Madraspat.* diphyllus minor, filiculis hirsutis *Ejusd.* Tab. 246. Fig. 6.

H. Mal. V. 9. Tab. 82. an Nelam Muri Hort. Malab. Vol. 9. Tab. 82. p. 161. Singari *Bram.*

Dr *Plukenet* in his *Mantissa*, p. 140. very arrogantly blames Dr *Sloan* for making this Plant two of his, and and says it's his wonted Custom : It were to be wish'd, this modest Author did know his own Plants better, he would then give Dr *Sloan* and others less occasion for these just and frequent Reflections.

I have received this Plant from *Guinea*, and several times from the *East Indies*, and find it to be the same with Dr *Sloan's* from *Jamaica*, and both Dr *Plukenet's*, which he was formerly so kind to shew me.

This eat with *Rice*, cures the *Gonorrhœa*. S. B.

130

130. Cautâ cuddee *Malab.*

Coccifera Chamberambaca *Cassia fistulæ minoris* folio, fructu Reniformi.

Had

Had that accurate Botanist Dr *Plukenet* but known the Fruit of the *Cocculus Indiae*, he would not have thus erroneously attested this to be it, and at the same time to affirm the *Natsjatom* Hort. Malab. Vol. 7. Tab. 1. p. 1. to be very different from the *Cocculi Indorum*, whereas that it is the same, the Hort. Malab. not only positively asserts, but I can prove it by *Specimens* I have to shew of its *Leaves* and *Fruit*, which Mr *Edward Bulkley* sent me from those parts.

This is a *Climber*, and being ground and mixt with Water, makes it ropey like whites of Eggs and clammy, which drank cures the *Running of the Reins*, 3 spoonfuls a Dose. S. B.

Pray take notice, that this *Quality* and *Vertue* is meant N. B. of the Plant before us, and not of the *Cocculus Indiae* of the Shops, as the Doctor has unhappily attested, that being a known intoxicating *Poyson* : I therefore caution all people to beware of what this Physician has asserted in his pretended *Correct Mantissa*, p. 52.

131. Noona chedde Malab.

Macandou, Arbor Conifera major, Periclymeni flore. *Bont. 97.*
an Arbor Conifera Macandou Bont. Hist. Nat. 97. Fig. 1. T. 52.
an Cada Pilava Malab. Ma Cada Pala Bram. H. Mal. V. 1. p. 97.
Tab. 52. p. 97. an Arbor Indica fructu aggregato conoide Ray 1442.
Cada Pilava dicta Ray H. Pl. 1442.

Grows 6 foot high, as thick as ones Arm. The powder of the *Bark* expels *Wind*, and gives a *Red Dye* : There are three *Species* of this *Tree*, the other two are *Surra Noona* and *Vela Noona*, both for the same use. S. B.

132. Surru pierru Malab.

Phaseolus Malab. pilosus auriculatus, fl. flavo. *H. Mal. V. 8. Tab. 50. p. 95.*
 Katu Ulinu Malab. Uđidi Bram. Grao do Pulia *Lusit. 8. Tab. 50. p. 95.*
 Neer boonen Belg. Hort. Malab. V. 8. Tab. 50. p. 95.

This is *Mungo* of *Parkinson* and *Garcias*, and is a cooling refreshing Diet; the *Moors* call it *Mungo*, and I believe

believe that which *Parkinson* says is kin to it, is that the *Moors* call *Tour*, which they say is hot, and therefore give it for such as hot diet is proper. Both these shake you. S. B.

133. *Chata-maraum Malab.*
Musf. Petiv. 698. Waga *Madraspat.* Minosæ foliis pinnatis, filiquis maximis compressis, *Musf. Petiver.* 698.

Is about a foot *diameter*, and 16 or 17 foot *high*; the Oyl of the *Fruit* by Expression cures *Scald Heads*, the *Root* and *Bark* is Carminative, and expels *Wind*. S. B.

134. *Paule-coodee Malab.*
Scammonia Chamberambaca Androsæmi folio.

This Cotton Climbers Leaves the Natives boyl, and eat for spitting or vomiting *Blood*, drinking a Decoction of the *Root*, S. B.

135. *Ullarehan Malab.*
 Is about a foot *high*, ground with Water cures *Sores*. S. B.

We are obliged to Dr *Plukenet* for informing us, that this Plant bears a spike of *hexapetalous Flowers*, since which that part is lost, and here is now only remaining its Grassy Leaves.

136. *Paule-maraum Malab.* Patsjotti *Zeylanica* *Lauro-cerasi* folio, leviter ferrato.

This grows 6 or 7 foot *high*, and thick as ones *Leg*; the *Fruit* is good for *Consumptions* and hectic *Feavers*, is a little laxative; the Decoction of the *Root* and *Bark* is good for the same. S. B.

This is the same with No 98. foregoing.

137. *Calle relle Malab.*
Ficus Chamberambaca Ponnæ foliis, fructu parvo gemino.

Grows about 6 foot *high*, and sometimes as thick as a mans *Leg*. The whole Plant in powder ʒi. taken in hot Water cures internal ulcerated *Piles*, and is good in Ulcers of the Intestines. S. B. This chiefly differs from No 123 in having its *Fruit* grow by pairs without Footstalks, and the *Leaves* thicker and more veiny.

To these we add the following Animals, which our Ingenious Friend Mr Edward Bulkley, Surgeon, lately sent me from Fort St George.

1. **M**USCULUS *Madraspat.* fluviatilis, medius intus argenteus. 1

The largest of these I have yet seen, exceed not an inch in *breadth*, and not quite $1\frac{1}{2}$ in *length*; amongst them I have observed a gradual decrease to about $\frac{1}{2}$ the bigness. The Shells are indifferent thick, of a dark brown on the *outside*, and silver *within*.

2. Unicornu *an* Fluviatilis, minor *Madraspat.* lineis fuscis undatis. 2

This Shell runs very *taper*, and has about 10 *twirls*, the uppermost circled with many fine *striae*, strip'd with brown curl'd lines, the lower twirls seem cancellated or lattic'd, I have seen of these from near an inch to an inch and half *long*. The *Mouth* $\frac{1}{2}$ inch wide, and one *long*, *oval* without fissure.

3. Rhombus *Madraspat.* ex albo flavoq; mixtus, guttulis croceis circumscriptis. *The Caterpillar.* 3

an Rhombus gravis rostro strictiore, striis punctatis circularibus exasperatis *List. Hist. Conchyl.* lib. 4. Sect. 4. Tab. 744. Fig. 34. *List. Hist. Conchyl.* lib. 4. Sect. 4. Tab. 744. Fig. 34.

This is a very elegant Shell, and the largest I have yet seen was with the Reverend Mr *Stonestreet*, which was about the bigness of Dr *Lister's* Figure.

4. Rhomboides *Madraspat.* *an.* ex rufo alboq; mixtus, lineis circularibus catenatis. *an* Rhombus cylindro pyramidali tenuis & lineis intersectis circumscriptis, claviculâ acutâ *List. Hist. Conchyl.* Lib. 4. Sect. 10. Tab. 765. Fig. 14. 4 *List. H.C.* 1. 4. 8. 10. Tab. 765. Fig. 14.

This weighs 3 drams and 36 grains: Is 2 inches and $\frac{1}{2}$ *long*, near 1 and $\frac{1}{4}$ *broad*, and 3 in *circumference*, its *mouth* where widest $\frac{1}{2}$ an inch.

5. Rhombus *Madraspat.* albus parvus, maculis quadrangularibus nigricantibus fasciatis. *an* Rhombus albus cylindro Pyramidali, ex nigro rufescentibus Maculis undatis 5

- List. H. C. tis circumscriptis* *List. H. C. L. 4. S. 10. Tab. 779. Fig. 1. 4. S. 10. T. 779. F. 25.* *an Bonan. p. 27. Fig. 122.* About an inch and $\frac{3}{4}$ long, 3 quarters thick, and near 3 inches in circumference, weighs almost 5li. Mr *Walter Keir* Surgeon hath also observed this near the Coast of *China*.
- 6 6. *Turbo Madraspat. minor*, ex albo aureoque partim reticulatus, partim nubilatus.
- 7 7. *Turbo Madraspat. minor*, ex albo & fusco omnino reticulatus.
- 8 8. *Perficoides Madraspat. fasciis capillaribus.*
List. H. C. an List. Hist. Conch. L. 4. S. 10. Tab. 751. post Fig. 46. 1. 4. S. an Bonan. p. 115. Fig. 15. 10. T. 751. F. post. 46.
- 9 9. *Unicornu Madraspat. cujus gyri maculis striisque sunt ornati. Buccinum dentatum claviculâ longissimâ, imo quoque muricato orbe* *List. H. C. L. 4. S. 11. Tab. 846. Fig. 75.* This is an elegant Shell, having each twirl, especially the bigger ones, finely streak'd and spotted. It's about 3 inches long, and weighs 35 and 15 grains.
- 10 10. *Unicornu Mauritianum fasciis nodosis & striatis.*
List. H. C. an List. H. C. L. 4. S. 15. Tab. 1025. Fig. 87. 1. 4. S. 15. T. 1025. Fig. 87. Each twirl is knobbed and girdled with streaks. It's near 4 inches long, and weighs almost 5x.
- Mr *Roche* first brought me this from *Maurice his Island* (which *Seamen* commonly call the *Morusbias*,) since which Mr *Edward Bulkley* sent it me with the aforegoing from *Fort St George*.
- 11 11. *Folliculena seu Folliculum Phalena*, ovale, appendice annulo terminante è *Madraspatan*.
 This is a wonderful *Insect-Case* or *Coffin*, form'd by some sort of *Silk* or *Cobweb-spinning Catterpillar*, but the *Moth* from whence it comes I cannot yet learn: Its peculiarity, which I have not observed in any other, is a *pedicle* with a *Ring* at the end of it, thro which this *oval Case* is fastned to the *Branches* and *Twigs* of *Trees*, *Shrubs*, &c.
- 12 12. *Capricornus Madraspatanus major*, humero cornibusque spinosis. This

This *Goat-cheffer* is 2 inches and $\frac{1}{2}$ long, and near one broad ; on each side his *Shoulder* is a *spine* ; his *Vaginae* or *Sheath-wings* near this part are *sprinkled* with little *eminencies* : the *Horns* about 3 inches long, composed of 10 *thorny geniculæ*.

13. *Scara-blatta Madraspat. Vaginis punctatis.*

13

This is of the same shape and species (and only differs in being *pounc't* like a *Thimble*) with a *Beetle*, which *Moffet* p. 139. hath given a *good Figure* of, and says it's described by *Pliny* acute cluna which it has, and that in Latin it's call'd *Blatta fætida* : this I have observ'd in *Cellars* and *Vaults*, but do not find it stinks like the *Cock-roaches* or *Blatta navalis*, nor *domestica*, which are of another *Genus*. I have therefore distinguisht these *wingle's Beetles* under this title.

14. *Scara-blatta Madraspat. 6 albis maculis insigniter guttatis.*

14

This is an *elegant Beetle*, and the more rare being of the *unwinged kind*, like the last, of which I have not yet observ'd above 5 or 6 sorts. Its *Horns* are near an inch long, composed of 10 or 12 *Coralline-like geniculæ*, as are his *feelers* of 3, his upper *forcipes* are strong, the *middle* short and small, below these are his *feeders*, another pair which serve to carry his *food* to the upper *forcipes* or *cutters*. This Insect is remarkably distinguisht from all others, by 4 orbicular white spots on his *Vaginae*, and 2 oblong ones on his *Shoulder*.

15. *Scara-pecten Madraspat. niger, naso clypeato monocerato.*

15

16. *Scara-pecten Guineensis niger, naso ferrato.*

16

17. *Cantharis Madraspat. ruber, pedibus nigris.*

17

18. *Cantharus exoticus, ex nigro aurantioque fasciatus.*

18

These differ in *magnitude* : I therefore take them to be of the *oviparous kind*.

19. *Cantharus minor Madraspat. niger, bimaculis luteis*

19

20. *Cimex Madraspat. major, e rubro & nigredine mixtus.*

20

21. *Cimex Madraspat. minor, e rubro & nigredine mixtus.*

21

22. *Cimici affinis niger, maculis ochroleucis eleganter notatus, è Madraspatan.*

22

23. *Bru-*

23 23. *Bruchus maximus viridis*, *Visci alis Madraspatanus*.

24 24. *Gryllus nigrescens bimaculatus* e *Smyrna*.

This from *Fort St George* is the very same with a couple my hearty-Friend Mr *Samuel Daniel* Surgeon brought me some years since from *Smyrna*, with the next, and several other very Curious Insects.

25 25. *Mantis Smyrnea gracilis*, *alis strictioribus*.

26 26. *Bombylus Madraspat.* *nigrescens cruribus plumosis*.

27 27. *Papilio Madraspatanus nigrescens*, *maculis sanguineis pallidisque interspersis*.

28 28. *Papilio Orientalis nigrescens*, *duplici serie maculis sanguineis*. This differs from the last in having all Scarlet spots in both the rows.

29 29. *Papilio Madraspat.* *nigrescens*, *maculis rubris bifariam dispositis*.

This is very like the foregoing, except that instead of the upper row of spots, they are here in a cluster.

30 30. *Papilio Orientalis caudatus nigrescens*, *maculis albis semicirculari*. This is distinguished from others, in having a row of White Spots thro the middle of the lower wing, which to make a Semicircle is continued on the edges of the upper.

31 31. *Papilio Orientalis nigrescens macularum albarum duplici serie marginatus*. This on the upper side has only 2 rows of greater and lesser specks along the lower edges, but on the other side each upper Wing has 6 specks, and lower 4 out of row.

32 32. *Papilio Orientalis*, e *fusco & albescente*, *striis maculisque mixtus*. These 3 last Mr *James Cuninghame* and Mr *Charles Perry*, Surgeons, brought me formerly from other parts in the East Indies, and I have since received them from *Fort St George*.

N. B. Most of the foregoing Insects being wholly new, I shall refer you for a farther Idea of them to their *Figures*, which I design with other *Animals* and *Vegitables*, in the succeeding Tables of my *Gazophylacium Naturæ*.